

ATTACHMENT E
FIELD WORK PLAN WORKSHEET

PETROLEUM STORAGE TANK RELEASE TRUST FUND
FIELD WORKPLAN WORKSHEET

Site Name: _____ KDHE Project Code: _____
Vendor: _____ Vendor Contact: _____

Instructions: This form must be completed by providing the information requested below. Do not include any attachments with this worksheet other than those described herein.

I Site Information

Site Address: _____ Kansas _____
(Street) (City) (County)
Legal Description: _____ 1/4 _____ 1/4 _____ 1/4 _____ 1/4 Section _____ Township _____ Range _____

II Investigation Information

Check the general methodologies to be used: _____ Groundwater survey _____ Soil Borings _____ Monitoring Wells

List the requested information where indicated:

A) Groundwater Survey:

Sample Extraction Equipment _____

Sample Analysis Equipment _____

Compounds for Analysis with Detection Limits (DL)

Benzene	DL= _____ ppb	Other: _____	DL= _____ ppb
Toluene	DL= _____ ppb	_____	DL= _____ ppb
Ethylbenzene	DL= _____ ppb	_____	DL= _____ ppb
Xylenes	DL= _____ ppb	_____	DL= _____ ppb

B) Drilling: (list primary equipment under column "A", under column "B", list drilling equipment to be used if auger refusal is encountered)

	A	B
Drill Rig	Brand/Model _____	_____
	Torque Rating _____	_____
Drill String	Type (Augers, etc) _____	_____
	O.D. / I.D. _____	_____
Borehole Size	_____	_____
Sample Collection Equip	_____	_____
Drilling Sample Frequency	_____	_____

C) Field Screening Instrument

Device (Brand / Type / Spec) _____
Calibration Standard _____
Calibration Frequency _____

D) Monitoring Well Development

Method (bailer, pump, etc) _____
Minimum well volume to be with drawn (Drilling Scenario "A") _____
Minimum well volume to be with drawn (Drilling Scenario "B") _____

continued on back

E) Hydrogeologic Testing Methods: (list methods and number of tests)

Unsaturated Zone	_____	Number of tests	_____
	_____	Number of tests	_____
	_____	Number of tests	_____
	_____	Number of tests	_____
Saturated Zone	_____	Number of tests	_____

F) Laboratory Analytical:

Soil Samples	Collection Equipment	_____
	Analytical Methods	_____
Water Samples	Collection Equipment	_____
	Analytical Methods	_____
	Laboratory to Conduct Analysis	_____

G) Waste Handling Procedures - Briefly describe how soil and water waste will be handled, treated, or disposed of:

Soil	_____
Water	_____

H) Decontamination - Briefly describe decontamination equipment, methods and procedures to be employed:

III Site Maps, Photos and Site Conceptual Exposure Model

Note: All maps and photos must include a scale, north arrow and legend.

- 1) Attach a copy of a U.S.G.S. 7.5 minute quadrangle, scale 1:24,000, which depicts the general site location and the 1 mile radius area surrounding the site. The site must be highlighted or outlined for delineation.
- 2) Prepare and submit with this worksheet two site maps in accordance with and containing the following information:
 - A Scale such that 1 inch is less than or equal to 50 feet for smaller sites and 1 inch is less than or equal to 100 feet for larger sites.
 - B Site property boundaries, buildings or other fixed objects, and street names.
 - C One site map will depict the site including a minimum 350' radius from the release. The other site map will depict the site including a minimum 500' radius from the release. Both maps will include the general use of surrounding properties identified; i.e., residential, industrial, business (indicate what type - fast food, service stations, etc.). List owners names relative to off - site properties.
 - D Tanks, lines, and pump islands, currently or formerly located at the site.
 - E General locations and depths of all utilities on and adjacent to the site from visual survey of site.
 - F If a Geoprobe Survey is requested: Proposed probe locations for at least the "Groundwater Contamination" scope of work. Include existing wells within 350' from the source. All wells should be designated in accordance with previous reports if available.
 - G If a Geoprobe Survey is not requested: Proposed boring and monitoring well locations instead of proposed geoprobe points must be indicated.
 - H Accessible easements within the specified area.
 - I Arrow depicting groundwater flow direction.

Include the most recent aerial photograph available showing the site location and the specified area; the maximum scale of the aerial photograph shall be 1 inch = 250 feet. The aerial photo must be an original print, a high quality color copy of an original print, or a blue-line. Prominent features (buildings, storage tanks, pump islands, existing wells, etc) should be denoted on the aerial photograph.

Include current photographs as stated in 4.2.1 under Section 4.0, Deliverables in the LSA RFP.

- 3) Include site conceptual exposure models for current and future on site and off site conditions as described in Section 3.0 of the KRBCA Report Format.

IV Field Personnel / Health and Safety Plan

List below the consultant's personel and any subcontracting firms that will be involved in the investigation. Indicate each individual's name and position title (attach an additional sheet if necessary). If resumes documenting education, experience, and safety training certification have not been provided with the original bid package for all those listed, submit this information with this worksheet.

Name	Position Title	Name	Position Title
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Indicate whether a Health and Safety Plan has been prepared for this investigation: Yes _____ No _____